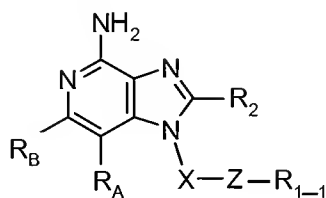


**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

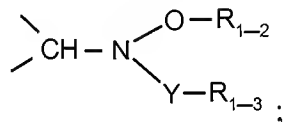
1. (canceled)
2. (original) A compound of the Formula (II):



II

wherein:

Z is -C(=N-O-R<sub>1-2</sub>)- or



X is selected from the group consisting of:

-CH(R<sub>9</sub>)-,

-CH(R<sub>9</sub>)-alkylene-, and

-CH(R<sub>9</sub>)-alkenylene-,

wherein the alkylene and alkenylene are optionally interrupted by one or more -

O- groups;

R<sub>1-1</sub> is selected from the group consisting of:

hydrogen,

alkyl,

aryl,

alkylene-aryl,

heteroaryl,

alkylene-heteroaryl, and

alkyl, aryl, alkylene-aryl, heteroaryl, or alkylene-heteroaryl substituted by one or more substituents selected from the group consisting of:

halogen,  
cyano,  
nitro,  
alkoxy,  
dialkylamino,  
alkylthio,  
haloalkyl,  
haloalkoxy,  
alkyl,  
-NH-SO<sub>2</sub>-R<sub>1-4</sub>,  
-NH-C(O)-R<sub>1-4</sub>,  
-NH-C(O)-NH<sub>2</sub>,  
-NH-C(O)-NH-R<sub>1-4</sub>, and  
-N<sub>3</sub>;

R<sub>1-2</sub> and R<sub>1-3</sub> are independently selected from the group consisting of:

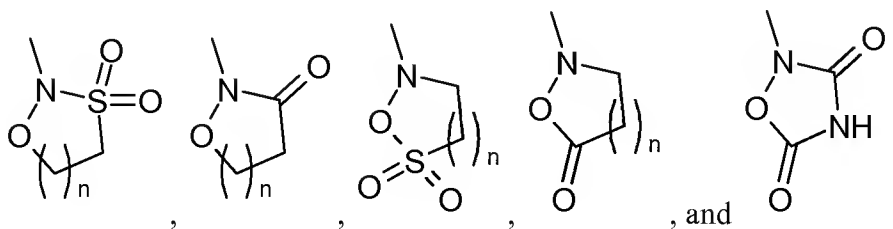
hydrogen,  
alkyl,  
alkenyl,  
aryl,  
arylalkylenyl,  
heteroaryl,  
heteroarylalkylenyl,  
heterocyclyl,  
heterocyclalkylenyl, and

alkyl, alkenyl, aryl, arylalkylenyl, heteroaryl, heteroarylalkylenyl, heterocyclyl, or heterocyclalkylenyl, substituted by one or more substituents selected from the group consisting of:

hydroxy,  
alkyl,  
haloalkyl,  
hydroxyalkyl,

alkoxy,  
dialkylamino,  
-S(O)<sub>0-2</sub>-alkyl,  
-S(O)<sub>0-2</sub>-aryl,  
-NH-S(O)<sub>2</sub>-alkyl,  
-NH-S(O)<sub>2</sub>-aryl,  
haloalkoxy,  
halogen,  
cyano,  
nitro,  
aryl,  
heteroaryl,  
heterocyclyl,  
aryloxy,  
arylalkyleneoxy,  
-C(O)-O-alkyl,  
-C(O)-N(R<sub>8</sub>)<sub>2</sub>,  
-N(R<sub>8</sub>)-C(O)-alkyl,  
-O-(CO)-alkyl, and  
-C(O)-alkyl;

or the R<sub>1-2</sub> and R<sub>1-3</sub> groups can join together to form a ring system selected from the group consisting of:



wherein n = 0, 1, 2, or 3;

R<sub>1-4</sub> is selected from the group consisting of:

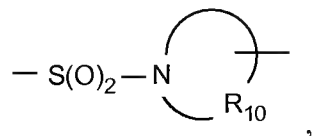
alkyl,  
aryl,

alkylene-aryl,  
heteroaryl,  
alkylene-heteroaryl, and  
alkyl, aryl, alkylene-aryl, heteroaryl, or alkylene-heteroaryl substituted by one or more substituents selected from the group consisting of:

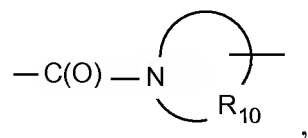
halogen,  
cyano,  
nitro,  
alkoxy,  
dialkylamino,  
alkylthio,  
haloalkyl,  
haloalkoxy,  
alkyl, and  
-N<sub>3</sub>;

Y is selected from the group consisting of:

a bond,  
-C(O)-,  
-C(S)-,  
-S(O)<sub>2</sub>-,  
-S(O)<sub>2</sub>-N(R<sub>8</sub>)-,



-C(O)-O-,  
-C(O)-N(R<sub>8</sub>)-,  
-C(S)-N(R<sub>8</sub>)-,  
-C(O)-N(R<sub>8</sub>)-S(O)<sub>2</sub>-,  
-C(O)-N(R<sub>8</sub>)-C(O)-,  
-C(S)-N(R<sub>8</sub>)-C(O)-,



$-\text{C}(\text{O})-\text{C}(\text{O})-$ ,

$-\text{C}(\text{O})-\text{C}(\text{O})-\text{O}-$ , and

$-\text{C}(=\text{NH})-\text{N}(\text{R}_8)-$ ;

$\text{R}_A$  and  $\text{R}_B$  are each independently selected from the group consisting of:

hydrogen,

halogen,

alkyl,

alkenyl,

alkoxy,

alkylthio, and

$-\text{N}(\text{R}_9)_2$ ;

or when taken together,  $\text{R}_A$  and  $\text{R}_B$  form a fused aryl ring or heteroaryl ring containing one heteroatom selected from the group consisting of N and S, wherein the aryl or heteroaryl ring is unsubstituted or substituted by one or more R groups, or substituted by one  $\text{R}_3$  group, or substituted by one  $\text{R}_3$  group and one R group;

or when taken together,  $\text{R}_A$  and  $\text{R}_B$  form a fused 5 to 7 membered saturated ring, optionally containing one heteroatom selected from the group consisting of N and S, and unsubstituted or substituted by one or more R groups;

R is selected from the group consisting of:

halogen,

hydroxy,

alkyl,

alkenyl,

haloalkyl,

alkoxy,

alkylthio, and

$-\text{N}(\text{R}_9)_2$ ;

$\text{R}_2$  is selected from the group consisting of:

-R<sub>4</sub>,  
 -X'-R<sub>4</sub>,  
 -X'-Y'-R<sub>4</sub>, and  
 -X'-R<sub>5</sub>;

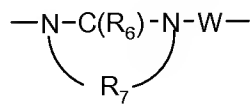
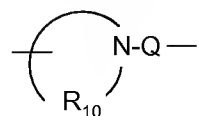
R<sub>3</sub> is selected from the group consisting of:

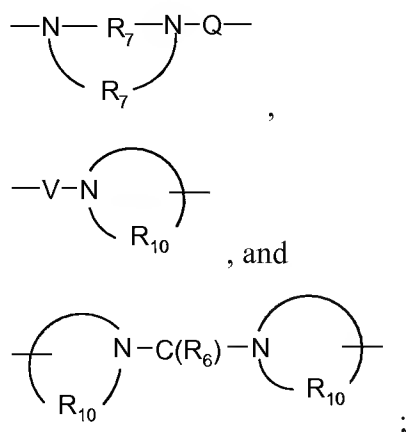
-Z'-R<sub>4</sub>,  
 -Z'-X'-R<sub>4</sub>,  
 -Z'-X'-Y'-R<sub>4</sub>, and  
 -Z'-X'-R<sub>5</sub>;

X' is selected from the group consisting of alkylene, alkenylene, alkynylene, arylene, heteroarylene, and heterocyclylene, wherein the alkylene, alkenylene, and alkynylene groups can be optionally interrupted or terminated by arylene, heteroarylene or heterocyclylene and optionally interrupted by one or more -O- groups;

Y' is selected from the group consisting of:

-O-,  
 -S(O)<sub>0-2</sub>-,  
 -S(O)<sub>2</sub>-N(R<sub>8</sub>)-,  
 -C(R<sub>6</sub>)-,  
 -C(R<sub>6</sub>)-O-,  
 -O-C(R<sub>6</sub>)-,  
 -O-C(O)-O-,  
 -N(R<sub>8</sub>)-Q-,  
 -C(R<sub>6</sub>)-N(R<sub>8</sub>)-,  
 -O-C(R<sub>6</sub>)-N(R<sub>8</sub>)-,  
 -C(R<sub>6</sub>)-N(OR<sub>9</sub>)-,

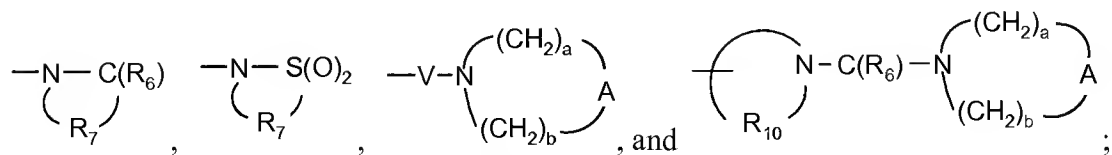




Z' is a bond or -O-;

R<sub>4</sub> is selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl, wherein the alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl groups can be unsubstituted or substituted by one or more substituents independently selected from the group consisting of alkyl, alkoxy, hydroxyalkyl, haloalkyl, haloalkoxy, halogen, nitro, hydroxy, mercapto, cyano, aryl, aryloxy, arylalkyleneoxy, heteroaryl, heteroaryloxy, heteroarylalkyleneoxy, heterocyclyl, amino, alkylamino, dialkylamino, (dialkylamino)alkyleneoxy, and in the case of alkyl, alkenyl, alkynyl, and heterocyclyl, oxo;

R<sub>5</sub> is selected from the group consisting of:



R<sub>6</sub> is selected from the group consisting of =O and =S;

R<sub>7</sub> is C<sub>2-7</sub> alkylene;

R<sub>8</sub> is selected from the group consisting of hydrogen, C<sub>1-10</sub> alkyl, C<sub>2-10</sub> alkenyl, C<sub>1-10</sub> alkoxy-C<sub>1-10</sub> alkylenyl, hydroxy-C<sub>1-10</sub> alkylenyl, heteroaryl-C<sub>1-10</sub> alkylenyl, and aryl-C<sub>1-10</sub> alkylenyl;

R<sub>9</sub> is selected from the group consisting of hydrogen and alkyl;

R<sub>10</sub> is C<sub>3-8</sub> alkylene;

A is selected from the group consisting of -O-, -C(O)-, -S(O)<sub>0-2</sub>-, -CH<sub>2</sub>-, and -N(R<sub>4</sub>)-

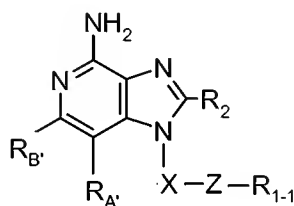
Q is selected from the group consisting of a bond,  $-C(R_6)-$ ,  $-C(R_6)-C(R_6)-$ ,  $-S(O)_2-$ ,  $-C(R_6)-N(R_8)-W-$ ,  $-S(O)_2-N(R_8)-$ ,  $-C(R_6)-O-$ ,  $-C(R_6)-S-$ , and  $-C(R_6)-N(OR_9)-$ ;

V is selected from the group consisting of  $-C(R_6)-$ ,  $-O-C(R_6)-$ ,  $-N(R_8)-C(R_6)-$ , and  $-S(O)_2-$ ;

W is selected from the group consisting of a bond,  $-C(O)-$ , and  $-S(O)_2-$ ; and

a and b are each independently integers from 1 to 6 with the proviso that  $a + b \leq 7$ ; or a pharmaceutically acceptable salt thereof.

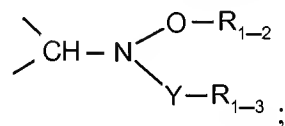
3. (original) A compound of the Formula (III):



III

wherein:

Z is  $-C(=N-O-R_{1-2})-$  or



X is selected from the group consisting of:

$-CH(R_9)-$ ,

$-CH(R_9)-alkylene-$ , and

$-CH(R_9)-alkenylene-$ ,

wherein the alkylene and alkenylene are optionally interrupted by one or more -

O- groups;

$R_{1-1}$  is selected from the group consisting of:

hydrogen,

alkyl,

aryl,

alkylene-aryl,

heteroaryl,

alkylene-heteroaryl, and



alkyl, aryl, alkylene-aryl, heteroaryl, or alkylene-heteroaryl substituted by one or more substituents selected from the group consisting of:

halogen,  
cyano,  
nitro,  
alkoxy,  
dialkylamino,  
alkylthio,  
haloalkyl,  
haloalkoxy,  
alkyl,  
-NH-SO<sub>2</sub>-R<sub>1-4</sub>,  
-NH-C(O)-R<sub>1-4</sub>,  
-NH-C(O)-NH<sub>2</sub>,  
-NH-C(O)-NH-R<sub>1-4</sub>, and  
-N<sub>3</sub>;

R<sub>1-2</sub> and R<sub>1-3</sub> are independently selected from the group consisting of:

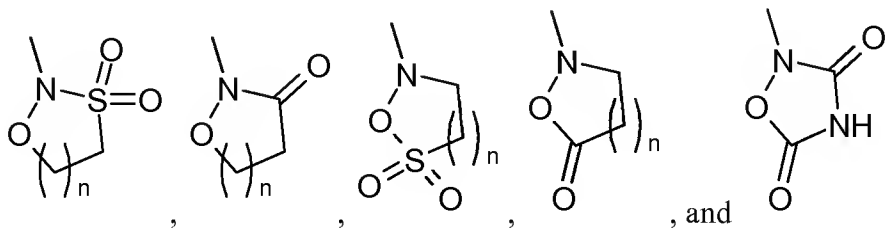
hydrogen,  
alkyl,  
alkenyl,  
aryl,  
arylalkylenyl,  
heteroaryl,  
heteroarylalkylenyl,  
heterocyclyl,  
heterocyclylalkylenyl, and

alkyl, alkenyl, aryl, arylalkylenyl, heteroaryl, heteroarylalkylenyl, heterocyclyl, or heterocyclylalkylenyl, substituted by one or more substituents selected from the group consisting of:

hydroxy,  
alkyl,

haloalkyl,  
 hydroxyalkyl,  
 alkoxy,  
 dialkylamino,  
 $-S(O)_{0-2}$ -alkyl,  
 $-S(O)_{0-2}$ -aryl,  
 $-NH-S(O)_2$ -alkyl,  
 $-NH-S(O)_2$ -aryl,  
 haloalkoxy,  
 halogen,  
 cyano,  
 nitro,  
 aryl,  
 heteroaryl,  
 heterocyclyl,  
 aryloxy,  
 arylalkyleneoxy,  
 $-C(O)-O$ -alkyl,  
 $-C(O)-N(R_8)_2$ ,  
 $-N(R_8)-C(O)$ -alkyl,  
 $-O-(CO)$ -alkyl, and  
 $-C(O)$ -alkyl;

or the  $R_{1-2}$  and  $R_{1-3}$  groups can join together to form a ring system selected from the group consisting of:



wherein  $n = 0, 1, 2$ , or  $3$ ;

$R_{1-4}$  is selected from the group consisting of:

alkyl;

aryl;

alkylene-aryl;

heteroaryl;

alkylene-heteroaryl; and

alkyl, aryl, alkylene-aryl, heteroaryl, or alkylene-heteroaryl substituted by one or more substituents selected from the group consisting of:

halogen,

cyano,

nitro,

alkoxy,

dialkylamino,

alkylthio,

haloalkyl,

haloalkoxy,

alkyl, and

-N<sub>3</sub>;

Y is selected from the group consisting of:

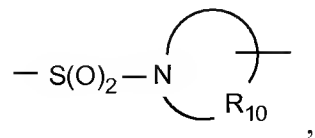
a bond,

-C(O)-,

-C(S)-,

-S(O)<sub>2</sub>-,

-S(O)<sub>2</sub>-N(R<sub>8</sub>)-,



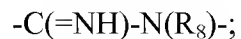
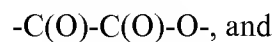
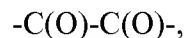
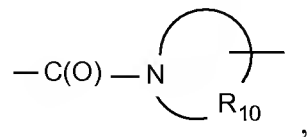
-C(O)-O-,

-C(O)-N(R<sub>8</sub>)-,

-C(S)-N(R<sub>8</sub>)-,

-C(O)-N(R<sub>8</sub>)-S(O)<sub>2</sub>-,

-C(O)-N(R<sub>8</sub>)-C(O)-,



$\text{R}_A$  and  $\text{R}_B$  are each independently selected from the group consisting of:

hydrogen,

halogen,

alkyl,

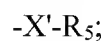
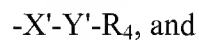
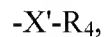
alkenyl,

alkoxy,

alkylthio, and

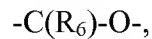
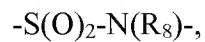
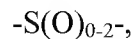


$\text{R}_2$  is selected from the group consisting of:



$\text{X}'$  is selected from the group consisting of alkylene, alkenylene, alkynylene, arylene, heteroarylene, and heterocyclylene, wherein the alkylene, alkenylene, and alkynylene groups can be optionally interrupted or terminated by arylene, heteroarylene or heterocyclylene and optionally interrupted by one or more  $-\text{O}-$  groups;

$\text{Y}'$  is selected from the group consisting of:



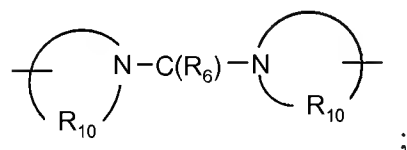
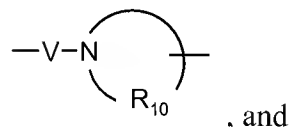
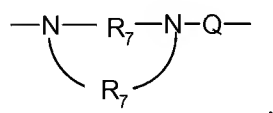
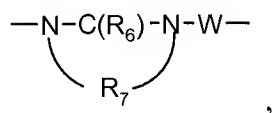
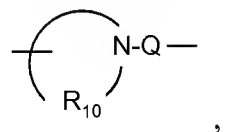
-O-C(O)-O-,

-N(R<sub>8</sub>)-Q-,

-C(R<sub>6</sub>)-N(R<sub>8</sub>)-,

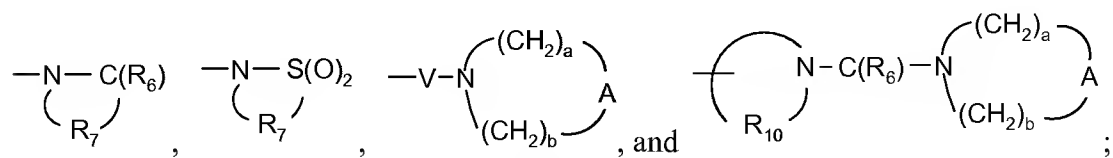
-O-C(R<sub>6</sub>)-N(R<sub>8</sub>)-,

-C(R<sub>6</sub>)-N(OR<sub>9</sub>)-,



R<sub>4</sub> is selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl, wherein the alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl groups can be unsubstituted or substituted by one or more substituents independently selected from the group consisting of alkyl, alkoxy, hydroxyalkyl, haloalkyl, haloalkoxy, halogen, nitro, hydroxy, mercapto, cyano, aryl, aryloxy, arylalkyleneoxy, heteroaryl, heteroaryloxy, heteroarylalkyleneoxy, heterocyclyl, amino, alkylamino, dialkylamino, (dialkylamino)alkyleneoxy, and in the case of alkyl, alkenyl, alkynyl, and heterocyclyl, oxo;

R<sub>5</sub> is selected from the group consisting of:



R<sub>6</sub> is selected from the group consisting of =O and =S;

R<sub>7</sub> is C<sub>2-7</sub> alkylene;

R<sub>8</sub> is selected from the group consisting of hydrogen, C<sub>1-10</sub> alkyl, C<sub>2-10</sub> alkenyl, C<sub>1-10</sub> alkoxy-C<sub>1-10</sub> alkylenyl, hydroxy-C<sub>1-10</sub> alkylenyl, heteroaryl-C<sub>1-10</sub> alkylenyl, and aryl-C<sub>1-10</sub> alkylenyl;

R<sub>9</sub> is selected from the group consisting of hydrogen and alkyl;

R<sub>10</sub> is C<sub>3-8</sub> alkylene;

A is selected from the group consisting of -O-, -C(O)-, -S(O)<sub>0-2</sub>-, -CH<sub>2</sub>-, and -N(R<sub>4</sub>)-

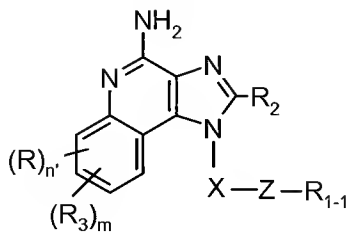
Q is selected from the group consisting of a bond, -C(R<sub>6</sub>)-, -C(R<sub>6</sub>)-C(R<sub>6</sub>)-, -S(O)<sub>2</sub>-, -C(R<sub>6</sub>)-N(R<sub>8</sub>)-W-, -S(O)<sub>2</sub>-N(R<sub>8</sub>)-, -C(R<sub>6</sub>)-O-, -C(R<sub>6</sub>)-S-, and -C(R<sub>6</sub>)-N(OR<sub>9</sub>)-

V is selected from the group consisting of -C(R<sub>6</sub>)-, -O-C(R<sub>6</sub>)-, -N(R<sub>8</sub>)-C(R<sub>6</sub>)-, and -S(O)<sub>2</sub>-;

W is selected from the group consisting of a bond, -C(O)-, and -S(O)<sub>2</sub>-; and

a and b are independently integers from 1 to 6 with the proviso that a + b is ≤ 7; or a pharmaceutically acceptable salt thereof.

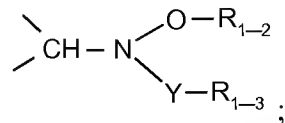
4. (original) A compound of the Formula (IV):



IV

wherein:

Z is -C(=N-O-R<sub>1-2</sub>)- or



X is selected from the group consisting of:

-CH(R<sub>9</sub>)-,

-CH(R<sub>9</sub>)-alkylene-, and

-CH(R<sub>9</sub>)-alkenylene-,

wherein the alkylene and alkenylene are optionally interrupted by one or more -

O- groups;

R<sub>1-1</sub> is selected from the group consisting of:

hydrogen,

alkyl,

aryl,

alkylene-aryl,

heteroaryl,

alkylene-heteroaryl, and

alkyl, aryl, alkylene-aryl, heteroaryl, or alkylene-heteroaryl substituted by one or more substituents selected from the group consisting of:

halogen,

cyano,

nitro,

alkoxy,

dialkylamino,

alkylthio,

haloalkyl,

haloalkoxy,

alkyl,

-NH-SO<sub>2</sub>-R<sub>1-4</sub>,

-NH-C(O)-R<sub>1-4</sub>,

-NH-C(O)-NH<sub>2</sub>,

-NH-C(O)-NH-R<sub>1-4</sub>, and

-N<sub>3</sub>;

R<sub>1-2</sub> and R<sub>1-3</sub> are independently selected from the group consisting of:

hydrogen,

alkyl,

alkenyl,  
aryl,  
arylalkylenyl,  
heteroaryl,  
heteroarylalkylenyl,  
heterocyclyl,  
heterocyclylalkylenyl, and

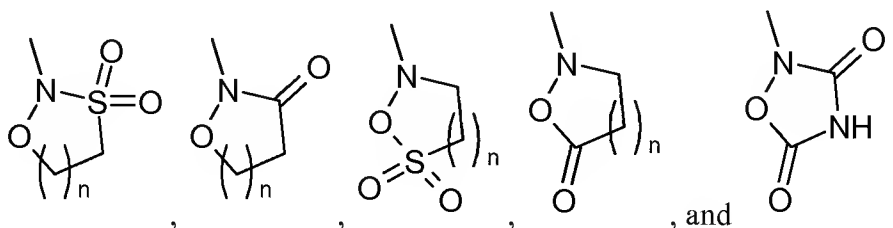
alkyl, alkenyl, aryl, arylalkylenyl, heteroaryl, heteroarylalkylenyl, heterocyclyl, or heterocyclylalkylenyl, substituted by one or more substituents selected from the group consisting of:

hydroxy,  
alkyl,  
haloalkyl,  
hydroxyalkyl,  
alkoxy,  
dialkylamino,  
-S(O)<sub>0-2</sub>-alkyl,  
-S(O)<sub>0-2</sub>-aryl,  
-NH-S(O)<sub>2</sub>-alkyl,  
-NH-S(O)<sub>2</sub>-aryl,  
haloalkoxy,  
halogen,  
cyano,  
nitro,  
aryl,  
heteroaryl,  
heterocyclyl,  
aryloxy,  
arylalkyleneoxy,  
-C(O)-O-alkyl,  
-C(O)-N(R<sub>8</sub>)<sub>2</sub>,



-N(R<sub>8</sub>)-C(O)-alkyl,  
 -O-(CO)-alkyl, and  
 -C(O)-alkyl;

or the R<sub>1-2</sub> and R<sub>1-3</sub> groups can join together to form a ring system selected from the group consisting of:



wherein n = 0, 1, 2, or 3;

R<sub>1-4</sub> is selected from the group consisting of:

alkyl,  
 aryl,  
 alkylene-aryl,  
 heteroaryl,  
 alkylene-heteroaryl, and

alkyl, aryl, alkylene-aryl, heteroaryl, or alkylene-heteroaryl substituted by one or more substituents selected from the group consisting of:

halogen,  
 cyano,  
 nitro,  
 alkoxy,  
 dialkylamino,  
 alkylthio,  
 haloalkyl,  
 haloalkoxy,  
 alkyl, and  
 -N<sub>3</sub>;

Y is selected from the group consisting of:

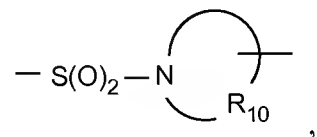
a bond,

-C(O)-,

-C(S)-,

-S(O)<sub>2</sub>-,

-S(O)<sub>2</sub>-N(R<sub>8</sub>)-,



-C(O)-O-,

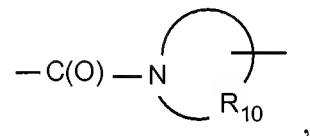
-C(O)-N(R<sub>8</sub>)-,

-C(S)-N(R<sub>8</sub>)-,

-C(O)-N(R<sub>8</sub>)-S(O)<sub>2</sub>-,

-C(O)-N(R<sub>8</sub>)-C(O)-,

-C(S)-N(R<sub>8</sub>)-C(O)-,



-C(O)-C(O)-,

-C(O)-C(O)-O-, and

-C(=NH)-N(R<sub>8</sub>)-;

R is selected from the group consisting of:

halogen,

hydroxy,

alkyl,

alkenyl,

haloalkyl,

alkoxy,

alkylthio, and

-N(R<sub>9</sub>)<sub>2</sub>;

R<sub>2</sub> is selected from the group consisting of:

-R<sub>4</sub>,

-X'-R<sub>4</sub>,

-X'-Y'-R<sub>4</sub>, and

-X'-R<sub>5</sub>;

R<sub>3</sub> is selected from the group consisting of:

-Z'-R<sub>4</sub>,

-Z'-X'-R<sub>4</sub>,

-Z'-X'-Y'-R<sub>4</sub>, and

-Z'-X'-R<sub>5</sub>;

n' is an integer from 0 to 4;

m is 0 or 1; with the proviso that when m is 1, then n' is 0 or 1;

X' is selected from the group consisting of alkylene, alkenylene, alkynylene, arylene, heteroarylene, and heterocyclylene, wherein the alkylene, alkenylene, and alkynylene groups can be optionally interrupted or terminated by arylene, heteroarylene or heterocyclylene and optionally interrupted by one or more -O- groups;

Y' is selected from the group consisting of:

-O-,

-S(O)<sub>0-2</sub>-,

-S(O)<sub>2</sub>-N(R<sub>8</sub>)-,

-C(R<sub>6</sub>)-,

-C(R<sub>6</sub>)-O-,

-O-C(R<sub>6</sub>)-,

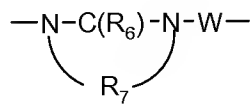
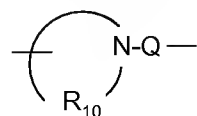
-O-C(O)-O-,

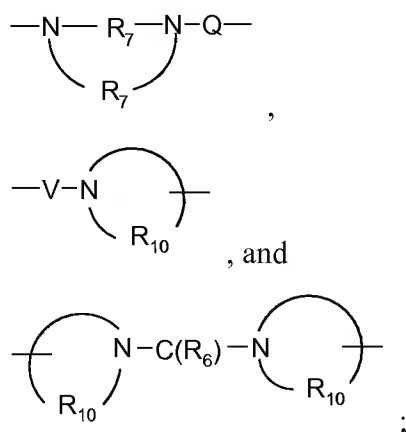
-N(R<sub>8</sub>)-Q-,

-C(R<sub>6</sub>)-N(R<sub>8</sub>)-,

-O-C(R<sub>6</sub>)-N(R<sub>8</sub>)-,

-C(R<sub>6</sub>)-N(OR<sub>9</sub>)-,

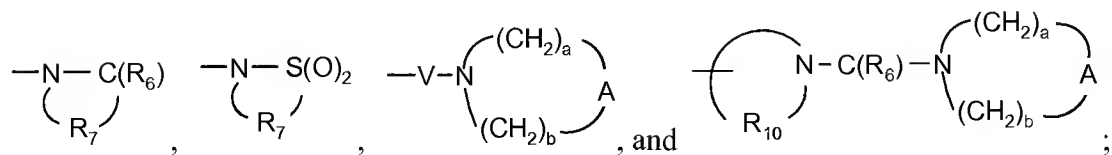




Z' is a bond or -O-;

R<sub>4</sub> is selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl, wherein the alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl groups can be unsubstituted or substituted by one or more substituents independently selected from the group consisting of alkyl, alkoxy, hydroxyalkyl, haloalkyl, haloalkoxy, halogen, nitro, hydroxy, mercapto, cyano, aryl, aryloxy, arylalkyleneoxy, heteroaryl, heteroaryloxy, heteroarylalkyleneoxy, heterocyclyl, amino, alkylamino, dialkylamino, (dialkylamino)alkyleneoxy, and in the case of alkyl, alkenyl, alkynyl, and heterocyclyl, oxo;

R<sub>5</sub> is selected from the group consisting of



R<sub>6</sub> is selected from the group consisting of =O and =S;

R<sub>7</sub> is C<sub>2-7</sub> alkylene;

R<sub>8</sub> is selected from the group consisting of hydrogen, C<sub>1-10</sub> alkyl, C<sub>2-10</sub> alkenyl, C<sub>1-10</sub> alkoxy-C<sub>1-10</sub> alkylenyl, hydroxy-C<sub>1-10</sub> alkylenyl, heteroaryl-C<sub>1-10</sub> alkylenyl, and aryl-C<sub>1-10</sub> alkylenyl;

R<sub>9</sub> is selected from the group consisting of hydrogen and alkyl;

R<sub>10</sub> is C<sub>3-8</sub> alkylene;

A is selected from the group consisting of -O-, -C(O)-, -S(O)<sub>0-2</sub>-, -CH<sub>2</sub>-, and -N(R<sub>4</sub>)-;

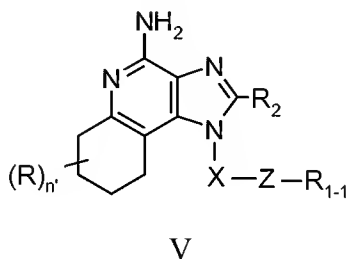
Q is selected from the group consisting of a bond,  $-C(R_6)-$ ,  $-C(R_6)-C(R_6)-$ ,  $-S(O)_2-$ ,  $-C(R_6)-N(R_8)-W-$ ,  $-S(O)_2-N(R_8)-$ ,  $-C(R_6)-O-$ ,  $-C(R_6)-S-$ , and  $-C(R_6)-N(OR_9)-$ ;

V is selected from the group consisting of  $-C(R_6)-$ ,  $-O-C(R_6)-$ ,  $-N(R_8)-C(R_6)-$ , and  $-S(O)_2-$ ;

W is selected from the group consisting of a bond,  $-C(O)-$ , and  $-S(O)_2-$ ; and

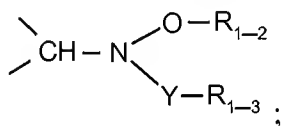
a and b are each independently integers from 1 to 6 with the proviso that  $a + b \leq 7$ ; or a pharmaceutically acceptable salt thereof.

5. (original) A compound of the Formula (V):



wherein:

Z is  $-C(=N-O-R_{1-2})-$  or



X is selected from the group consisting of:

$-CH(R_9)-$ ,

$-CH(R_9)-alkylene-$ , and

$-CH(R_9)-alkenylene-$ ,

wherein the alkylene and alkenylene are optionally interrupted by one or more -O- groups;

$R_{1-1}$  is selected from the group consisting of:

hydrogen,

alkyl,

aryl,

alkylene-aryl,

heteroaryl,

alkylene-heteroaryl, and

alkyl, aryl, alkylene-aryl, heteroaryl, or alkylene-heteroaryl substituted by one or more substituents selected from the group consisting of:

halogen,  
cyano,  
nitro,  
alkoxy,  
dialkylamino,  
alkylthio,  
haloalkyl,  
haloalkoxy,  
alkyl,  
-NH-SO<sub>2</sub>-R<sub>1-4</sub>,  
-NH-C(O)-R<sub>1-4</sub>,  
-NH-C(O)-NH<sub>2</sub>,  
-NH-C(O)-NH-R<sub>1-4</sub>, and  
-N<sub>3</sub>;

R<sub>1-2</sub> and R<sub>1-3</sub> are independently selected from the group consisting of:

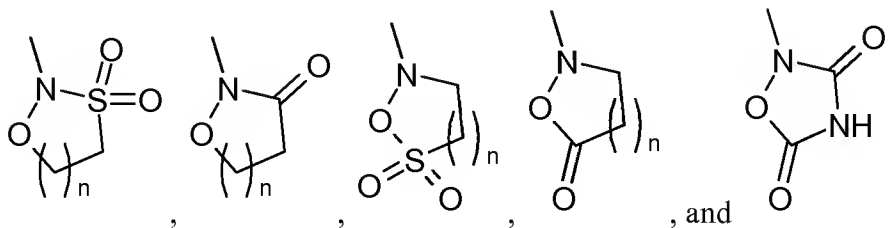
hydrogen,  
alkyl,  
alkenyl,  
aryl,  
arylalkylenyl,  
heteroaryl,  
heteroarylalkylenyl,  
heterocyclyl,  
heterocyclylalkylenyl, and

alkyl, alkenyl, aryl, arylalkylenyl, heteroaryl, heteroarylalkylenyl, heterocyclyl, or heterocyclylalkylenyl, substituted by one or more substituents selected from the group consisting of:

hydroxy,  
alkyl,

haloalkyl,  
 hydroxyalkyl,  
 alkoxy,  
 dialkylamino,  
 $-S(O)_{0-2}$ -alkyl,  
 $-S(O)_{0-2}$ -aryl,  
 $-NH-S(O)_2$ -alkyl,  
 $-NH-S(O)_2$ -aryl,  
 haloalkoxy,  
 halogen,  
 cyano,  
 nitro,  
 aryl,  
 heteroaryl,  
 heterocyclyl,  
 aryloxy,  
 arylalkyleneoxy,  
 $-C(O)-O$ -alkyl,  
 $-C(O)-N(R_8)_2$ ,  
 $-N(R_8)-C(O)$ -alkyl,  
 $-O-(CO)$ -alkyl, and  
 $-C(O)$ -alkyl;

or the  $R_{1-2}$  and  $R_{1-3}$  groups can join together to form a ring system selected from the group consisting of:



wherein  $n = 0, 1, 2$ , or  $3$ ;

$R_{1-4}$  is selected from the group consisting of:

alkyl,

aryl,

alkylene-aryl,

heteroaryl,

alkylene-heteroaryl, and

alkyl, aryl, alkylene-aryl, heteroaryl, or alkylene-heteroaryl substituted by one or more substituents selected from the group consisting of:

halogen,

cyano,

nitro,

alkoxy,

dialkylamino,

alkylthio,

haloalkyl,

haloalkoxy,

alkyl, and

-N<sub>3</sub>;

Y is selected from the group consisting of:

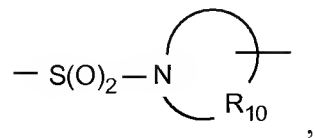
a bond,

-C(O)-,

-C(S)-,

-S(O)<sub>2</sub>-,

-S(O)<sub>2</sub>-N(R<sub>8</sub>)-,



-C(O)-O-,

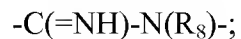
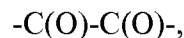
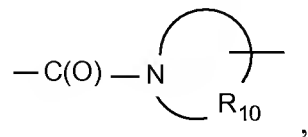
-C(O)-N(R<sub>8</sub>)-,

-C(S)-N(R<sub>8</sub>)-,

-C(O)-N(R<sub>8</sub>)-S(O)<sub>2</sub>-,

-C(O)-N(R<sub>8</sub>)-C(O)-,





R is selected from the group consisting of:

halogen,

hydroxy,

alkyl,

alkenyl,

haloalkyl,

alkoxy,

alkylthio, and

$-\text{N}(\text{R}_9)_2$ ;

$\text{R}_2$  is selected from the group consisting of:

$-\text{R}_4$ ,

$-\text{X}'-\text{R}_4$ ,

$-\text{X}'-\text{Y}'-\text{R}_4$ , and

$-\text{X}'-\text{R}_5$ ;

$n'$  is an integer from 0 to 4;

$\text{X}'$  is selected from the group consisting of alkylene, alkenylene, alkynylene, arylene, heteroarylene, and heterocyclylene, wherein the alkylene, alkenylene, and alkynylene groups can be optionally interrupted or terminated by arylene, heteroarylene or heterocyclylene and optionally interrupted by one or more  $-\text{O}-$  groups;

$\text{Y}'$  is selected from the group consisting of:

$-\text{O}-$ ,

$-\text{S}(\text{O})_{0-2}-$ ,

$-\text{S}(\text{O})_2-\text{N}(\text{R}_8)-$ ,

$-\text{C}(\text{R}_6)-$ ,

-C(R<sub>6</sub>)-O-,

-O-C(R<sub>6</sub>)-,

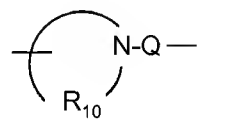
-O-C(O)-O-,

-N(R<sub>8</sub>)-Q-,

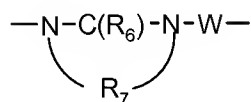
-C(R<sub>6</sub>)-N(R<sub>8</sub>)-,

-O-C(R<sub>6</sub>)-N(R<sub>8</sub>)-,

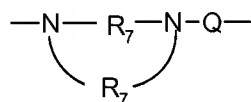
-C(R<sub>6</sub>)-N(OR<sub>9</sub>)-,



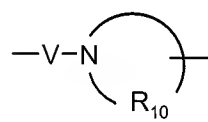
,



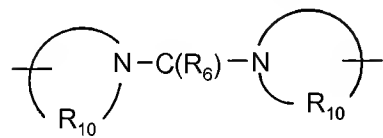
,



,



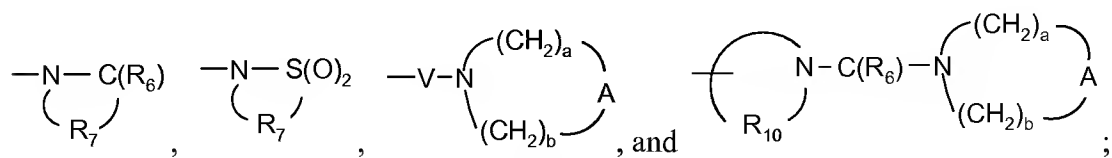
, and



;

R<sub>4</sub> is selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl, wherein the alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl groups can be unsubstituted or substituted by one or more substituents independently selected from the group consisting of alkyl, alkoxy, hydroxyalkyl, haloalkyl, haloalkoxy, halogen, nitro, hydroxy, mercapto, cyano, aryl, aryloxy, arylalkyleneoxy, heteroaryl, heteroaryloxy, heteroarylalkyleneoxy, heterocyclyl, amino, alkylamino, dialkylamino, (dialkylamino)alkyleneoxy, and in the case of alkyl, alkenyl, alkynyl, and heterocyclyl, oxo;

R<sub>5</sub> is selected from the group consisting of



R<sub>6</sub> is selected from the group consisting of =O and =S;

R<sub>7</sub> is C<sub>2-7</sub> alkylene;

R<sub>8</sub> is selected from the group consisting of hydrogen, C<sub>1-10</sub> alkyl, C<sub>2-10</sub> alkenyl, C<sub>1-10</sub> alkoxy-C<sub>1-10</sub> alkylenyl, hydroxy-C<sub>1-10</sub> alkylenyl, heteroaryl-C<sub>1-10</sub> alkylenyl, and aryl-C<sub>1-10</sub> alkylenyl;

R<sub>9</sub> is selected from the group consisting of hydrogen and alkyl;

R<sub>10</sub> is C<sub>3-8</sub> alkylene;

A is selected from the group consisting of -O-, -C(O)-, -S(O)<sub>0-2</sub>-, -CH<sub>2</sub>-, and -N(R<sub>4</sub>)-;

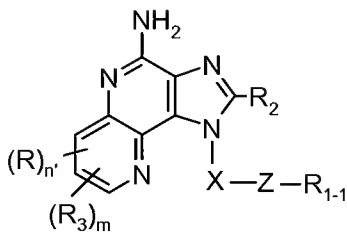
Q is selected from the group consisting of a bond, -C(R<sub>6</sub>)-, -C(R<sub>6</sub>)-C(R<sub>6</sub>)-, -S(O)<sub>2</sub>-, -C(R<sub>6</sub>)-N(R<sub>8</sub>)-W-, -S(O)<sub>2</sub>-N(R<sub>8</sub>)-, -C(R<sub>6</sub>)-O-, -C(R<sub>6</sub>)-S-, and -C(R<sub>6</sub>)-N(OR<sub>9</sub>)-;

V is selected from the group consisting of -C(R<sub>6</sub>)-, -O-C(R<sub>6</sub>)-, -N(R<sub>8</sub>)-C(R<sub>6</sub>)-, and -S(O)<sub>2</sub>-;

W is selected from the group consisting of a bond, -C(O)-, and -S(O)<sub>2</sub>-; and

a and b are independently integers from 1 to 6 with the proviso that a + b is ≤ 7; or a pharmaceutically acceptable salt thereof.

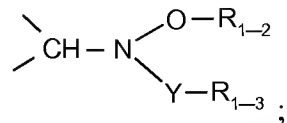
6. (original) A compound of the Formula (VI):



VI

wherein:

Z is -C(=N-O-R<sub>1-2</sub>)- or



X is selected from the group consisting of:

-CH(R<sub>9</sub>)-,

-CH(R<sub>9</sub>)-alkylene-, and

-CH(R<sub>9</sub>)-alkenylene-,

wherein the alkylene and alkenylene are optionally interrupted by one or more -

O- groups;

R<sub>1-1</sub> is selected from the group consisting of:

hydrogen,

alkyl,

aryl,

alkylene-aryl,

heteroaryl,

alkylene-heteroaryl, and

alkyl, aryl, alkylene-aryl, heteroaryl, or alkylene-heteroaryl substituted by one or more substituents selected from the group consisting of:

halogen,

cyano,

nitro,

alkoxy,

dialkylamino,

alkylthio,

haloalkyl,

haloalkoxy,

alkyl,

-NH-SO<sub>2</sub>-R<sub>1-4</sub>,

-NH-C(O)-R<sub>1-4</sub>,

-NH-C(O)-NH<sub>2</sub>,

-NH-C(O)-NH-R<sub>1-4</sub>, and

-N<sub>3</sub>;

R<sub>1-2</sub> and R<sub>1-3</sub> are independently selected from the group consisting of:

hydrogen,

alkyl,

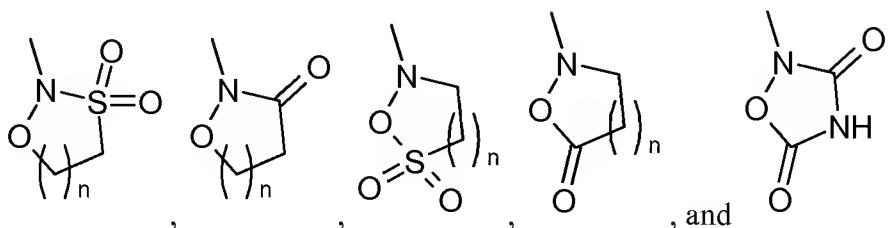
alkenyl,  
aryl,  
arylalkylenyl,  
heteroaryl,  
heteroarylalkylenyl,  
heterocyclyl,  
heterocyclylalkylenyl, and

alkyl, alkenyl, aryl, arylalkylenyl, heteroaryl, heteroarylalkylenyl, heterocyclyl, or heterocyclylalkylenyl, substituted by one or more substituents selected from the group consisting of:

hydroxy,  
alkyl,  
haloalkyl,  
hydroxyalkyl,  
alkoxy,  
dialkylamino,  
-S(O)<sub>0-2</sub>-alkyl,  
-S(O)<sub>0-2</sub>-aryl,  
-NH-S(O)<sub>2</sub>-alkyl,  
-NH-S(O)<sub>2</sub>-aryl,  
haloalkoxy,  
halogen,  
cyano,  
nitro,  
aryl,  
heteroaryl,  
heterocyclyl,  
aryloxy,  
arylalkyleneoxy,  
-C(O)-O-alkyl,  
-C(O)-N(R<sub>8</sub>)<sub>2</sub>,

-N(R<sub>8</sub>)-C(O)-alkyl,  
 -O-(CO)-alkyl, and  
 -C(O)-alkyl;

or the R<sub>1-2</sub> and R<sub>1-3</sub> groups can join together to form a ring system selected from the group consisting of:



wherein n = 0, 1, 2, or 3;

R<sub>1-4</sub> is selected from the group consisting of:

alkyl,  
 aryl,  
 alkylene-aryl,  
 heteroaryl,  
 alkylene-heteroaryl, and

alkyl, aryl, alkylene-aryl, heteroaryl, or alkylene-heteroaryl substituted by one or more substituents selected from the group consisting of:

halogen,  
 cyano,  
 nitro,  
 alkoxy,  
 dialkylamino,  
 alkylthio,  
 haloalkyl,  
 haloalkoxy,  
 alkyl, and  
 -N<sub>3</sub>;

Y is selected from the group consisting of:

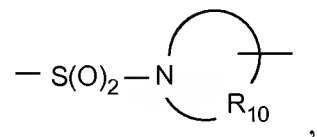
a bond,

-C(O)-,

-C(S)-,

-S(O)<sub>2</sub>-,

-S(O)<sub>2</sub>-N(R<sub>8</sub>)-,



-C(O)-O-,

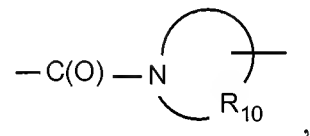
-C(O)-N(R<sub>8</sub>)-,

-C(S)-N(R<sub>8</sub>)-,

-C(O)-N(R<sub>8</sub>)-S(O)<sub>2</sub>-,

-C(O)-N(R<sub>8</sub>)-C(O)-,

-C(S)-N(R<sub>8</sub>)-C(O)-,



-C(O)-C(O)-,

-C(O)-C(O)-O-, and

-C(=NH)-N(R<sub>8</sub>)-;

R is selected from the group consisting of:

halogen,

hydroxy,

alkyl,

alkenyl,

haloalkyl,

alkoxy,

alkylthio, and

-N(R<sub>9</sub>)<sub>2</sub>;

R<sub>2</sub> is selected from the group consisting of:

-R<sub>4</sub>,

-X'-R<sub>4</sub>,

-X'-Y'-R<sub>4</sub>, and

-X'-R<sub>5</sub>;

R<sub>3</sub> is selected from the group consisting of:

-Z'-R<sub>4</sub>,

-Z'-X'-R<sub>4</sub>,

-Z'-X'-Y'-R<sub>4</sub>, and

-Z'-X'-R<sub>5</sub>;

n' is an integer from 0 to 4;

m is 0 or 1; with the proviso that when m is 1, then n' is 0 or 1;

X' is selected from the group consisting of alkylene, alkenylene, alkynylene, arylene, heteroarylene, and heterocyclylene, wherein the alkylene, alkenylene, and alkynylene groups can be optionally interrupted or terminated by arylene, heteroarylene or heterocyclylene and optionally interrupted by one or more -O- groups;

Y' is selected from the group consisting of:

-O-,

-S(O)<sub>0-2</sub>-,

-S(O)<sub>2</sub>-N(R<sub>8</sub>)-,

-C(R<sub>6</sub>)-,

-C(R<sub>6</sub>)-O-,

-O-C(R<sub>6</sub>)-,

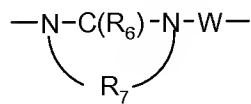
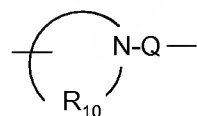
-O-C(O)-O-,

-N(R<sub>8</sub>)-Q-,

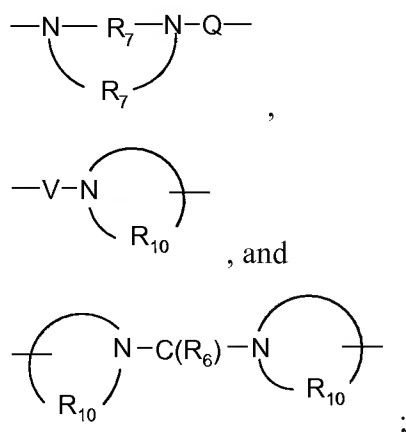
-C(R<sub>6</sub>)-N(R<sub>8</sub>)-,

-O-C(R<sub>6</sub>)-N(R<sub>8</sub>)-,

-C(R<sub>6</sub>)-N(OR<sub>9</sub>)-,



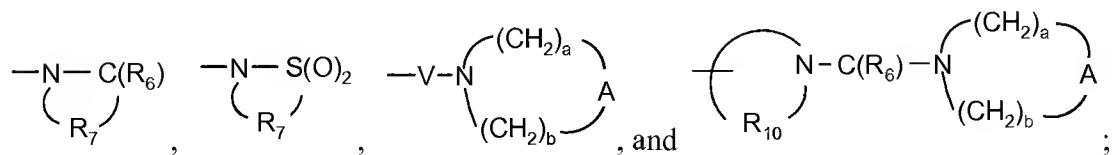




Z' is a bond or -O-;

R<sub>4</sub> is selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl, wherein the alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl groups can be unsubstituted or substituted by one or more substituents independently selected from the group consisting of alkyl, alkoxy, hydroxyalkyl, haloalkyl, haloalkoxy, halogen, nitro, hydroxy, mercapto, cyano, aryl, aryloxy, arylalkyleneoxy, heteroaryl, heteroaryloxy, heteroarylalkyleneoxy, heterocyclyl, amino, alkylamino, dialkylamino, (dialkylamino)alkyleneoxy, and in the case of alkyl, alkenyl, alkynyl, and heterocyclyl, oxo;

R<sub>5</sub> is selected from the group consisting of



R<sub>6</sub> is selected from the group consisting of =O and =S;

R<sub>7</sub> is C<sub>2-7</sub> alkylene;

R<sub>8</sub> is selected from the group consisting of hydrogen, C<sub>1-10</sub> alkyl, C<sub>2-10</sub> alkenyl, C<sub>1-10</sub> alkoxy-C<sub>1-10</sub> alkylenyl, hydroxy-C<sub>1-10</sub> alkylenyl, heteroaryl-C<sub>1-10</sub> alkylenyl, and aryl-C<sub>1-10</sub> alkylenyl;

R<sub>9</sub> is selected from the group consisting of hydrogen and alkyl;

R<sub>10</sub> is C<sub>3-8</sub> alkylene;

A is selected from the group consisting of -O-, -C(O)-, -S(O)<sub>0-2</sub>-, -CH<sub>2</sub>-, and -N(R<sub>4</sub>)-

Q is selected from the group consisting of a bond, -C(R<sub>6</sub>)-, -C(R<sub>6</sub>)-C(R<sub>6</sub>)-, -S(O)<sub>2</sub>-, -C(R<sub>6</sub>)-N(R<sub>8</sub>)-W-, -S(O)<sub>2</sub>-N(R<sub>8</sub>)-, -C(R<sub>6</sub>)-O-, -C(R<sub>6</sub>)-S-, and -C(R<sub>6</sub>)-N(OR<sub>9</sub>)-;

V is selected from the group consisting of -C(R<sub>6</sub>)-, -O-C(R<sub>6</sub>)-, -N(R<sub>8</sub>)-C(R<sub>6</sub>)-, and -S(O)<sub>2</sub>-;

W is selected from the group consisting of a bond, -C(O)-, and -S(O)<sub>2</sub>-; and

a and b are each independently integers from 1 to 6 with the proviso that a + b is ≤ 7; or a pharmaceutically acceptable salt thereof.

7-8 (canceled)

9. (currently amended) The compound or salt of claim ~~38~~ wherein R<sub>A</sub>' and R<sub>B</sub>' are both methyl.

10-11 (canceled)

12. (currently amended) The compound or salt of ~~any one of claims 1, 2, or 10~~ wherein R<sub>A</sub> and R<sub>B</sub> form a fused aryl ring or heteroaryl ring containing one N, wherein the aryl or heteroaryl ring is unsubstituted or substituted by one or more R groups, or substituted by one R<sub>3</sub> group, or substituted by one R<sub>3</sub> group and one R group.

13. (currently amended) The compound or salt of ~~any one of claims 1, 2, or 10~~ wherein R<sub>A</sub> and R<sub>B</sub> form a fused 5 to 7 membered saturated ring, which may optionally contain one N, wherein the saturated ring is unsubstituted or substituted by one or more R groups.

14. (currently amended) The compound or salt of ~~any one of claims 4 or 6~~ wherein m is 0.

15. (currently amended) The compound or salt of ~~any one of claims 4 through 7 or claim 14~~ wherein n' is 0.

16. (original) The compound or salt of claim 14 wherein m and n' are both 0.

17. (currently amended) The compound or salt of ~~any one of claims 4 or 6, or claim 15 as dependent on either of claims 4 or 6,~~ wherein R<sub>3</sub> is selected from the group consisting of pyridin-3-yl, pyridin-4-yl, 5-(hydroxymethyl)pyridin-3-yl, and 2-ethoxyphenyl.

18. (currently amended) The compound or salt of ~~any one of claims 2 through 9, or 14 through 17, or claims 11 through 13 as dependent on claim 2,~~ wherein R<sub>2</sub> is selected from the group consisting of:

hydrogen,

alkyl,

alkenyl,

aryl,

heteroaryl,

heterocyclyl,

alkylene-Y"-alkyl,

alkylene-Y"-aryl, and

alkyl or alkenyl substituted by one or more substituents selected from the group

consisting of:

hydroxy,

halogen,

-N(R<sub>11</sub>)<sub>2</sub>,

-C(O)-C<sub>1-10</sub> alkyl,

-C(O)-O-C<sub>1-10</sub> alkyl,

-N(R<sub>11</sub>)-C(O)-C<sub>1-10</sub> alkyl,

aryl,

heteroaryl,

heterocyclyl,

-C(O)-aryl, and

-C(O)-heteroaryl;

wherein:

Y" is -O- or -S(O)<sub>0-2</sub>; and

$R_{11}$  is selected from the group consisting of hydrogen,  $C_{1-10}$  alkyl, and  $C_{2-10}$  alkenyl.

19. (original) The compound or salt of claim 18 wherein  $R_2$  is selected from the group consisting of hydrogen, hydroxymethyl,  $C_{1-4}$  alkyl, and  $C_{1-4}$  alkyl-O- $C_{1-4}$  alkylenyl.

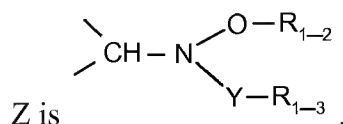
20. (currently amended) The compound or salt of ~~any one of claims 21 through 19~~ wherein X is selected from the group consisting of  $-(CH_2)_{1-6}-$ ,  $-CH_2C(CH_3)_2-$ ,  $-CH_2C(CH_3)_2CH_2-$ ,  $-(CH_2)_2OCH_2-$ , and  $-(CH_2)_3OCH_2-$ .

21. (currently amended) The compound or salt of ~~any one of claims 21 through 20~~ wherein  $R_{1-1}$  is selected from the group consisting of hydrogen,  $C_{1-4}$  alkyl, and phenyl.

22. (currently amended) The compound or salt of ~~any one of claims 21 through 21~~ wherein  $R_{1-2}$  is selected from the group consisting of hydrogen,  $C_{1-4}$  alkyl, benzyl, and pyridin-2-ylmethyl.

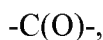
23. (currently amended) The compound or salt of ~~any one of claims 21 through 22~~ wherein Z is  $-C(=N-O-R_{1-2})-$ .

24. (currently amended) The compound or salt of ~~any one of claims 21 through 22~~ wherein



25. (currently amended) The compound or salt of ~~any one of claims 21 through 23~~ wherein  $R_{1-3}$  is selected from the group consisting of hydrogen,  $C_{1-6}$  alkyl, 1-pyrrolidinyl, phenyl, 2-chlorophenyl, 3-chlorophenyl, 4-chlorophenyl, *o*-tolyl, *m*-tolyl, *p*-tolyl, and pyridin-3-yl.

26. (currently amended) The compound or salt of ~~any one of claims 21 through 23~~ or 25 wherein Y is selected from the group consisting of:



-C(O)-O-,  
-S(O)<sub>2</sub>-,  
-C(O)-N(R<sub>8</sub>)-, and  
-C(S)-N(R<sub>8</sub>)-

27. (original) The compound or salt of claim 26 wherein R<sub>8</sub> is H or CH<sub>3</sub>.

28. (currently amended) A pharmaceutical composition comprising a therapeutically effective amount of a compound or salt of ~~any one of claims 21-27~~ in combination with a pharmaceutically acceptable carrier.

29. (currently amended) A method of inducing cytokine biosynthesis in an animal comprising administering an effective amount of a compound or salt of ~~any one of claims 21-27~~ to the animal.

30. (currently amended) A method of treating a viral disease in an animal in need thereof comprising administering a therapeutically effective amount of a compound or salt of ~~any one of claims 21-27~~ to the animal.

31. (currently amended) A method of treating a neoplastic disease in an animal in need thereof comprising administering a therapeutically effective amount of a compound or salt of ~~any one of claims 21-27~~ to the animal.

32. (new) The compound or salt of claim 3 wherein R<sub>2</sub> is selected from the group consisting of hydrogen, hydroxymethyl, C<sub>1-4</sub> alkyl, and C<sub>1-4</sub> alkyl-O-C<sub>1-4</sub> alkylene.

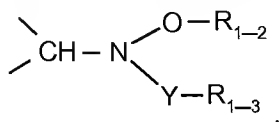
33. (new) The compound or salt of claim 3 wherein X is selected from the group consisting of -(CH<sub>2</sub>)<sub>1-6</sub>-, -CH<sub>2</sub>C(CH<sub>3</sub>)<sub>2</sub>-, -CH<sub>2</sub>C(CH<sub>3</sub>)<sub>2</sub>CH<sub>2</sub>-, -(CH<sub>2</sub>)<sub>2</sub>OCH<sub>2</sub>-, and -(CH<sub>2</sub>)<sub>3</sub>OCH<sub>2</sub>-.

34. (new) The compound or salt of claim 3 wherein R<sub>1-1</sub> is selected from the group consisting of hydrogen, C<sub>1-4</sub> alkyl, and phenyl.

35. (new) The compound or salt of claim 3 wherein  $R_{1-2}$  is selected from the group consisting of hydrogen,  $C_{1-4}$  alkyl, benzyl, and pyridin-2-ylmethyl.

36. (new) The compound or salt of claim 3 wherein Z is  $-C(=N-O-R_{1-2})-$ .

37. (new) The compound or salt of claim 3 wherein Z is



38. (new) The compound or salt of claim 3 wherein  $R_{1-3}$  is selected from the group consisting of hydrogen,  $C_{1-6}$  alkyl, 1-pyrrolidinyl, phenyl, 2-chlorophenyl, 3-chlorophenyl, 4-chlorophenyl, *o*-tolyl, *m*-tolyl, *p*-tolyl, and pyridin-3-yl.

39. (new) The compound or salt of claim 3 wherein Y is selected from the group consisting of:

$-C(O)-$ ,

$-C(O)-O-$ ,

$-S(O)_2-$ ,

$-C(O)-N(R_8)-$ , and

$-C(S)-N(R_8)-$ .

40. (new) The compound or salt of claim 39 wherein  $R_8$  is H or  $CH_3$ .

41. (new) The compound or salt of claim 4 wherein  $R_2$  is selected from the group consisting of:

hydrogen,

alkyl,

alkenyl,

aryl,

heteroaryl,  
heterocyclyl,  
alkylene-Y"-alkyl,  
alkylene-Y"-aryl, and  
alkyl or alkenyl substituted by one or more substituents selected from the group consisting of:

hydroxy,  
halogen,  
-N(R<sub>11</sub>)<sub>2</sub>,  
-C(O)-C<sub>1-10</sub> alkyl,  
-C(O)-O-C<sub>1-10</sub> alkyl,  
-N(R<sub>11</sub>)-C(O)-C<sub>1-10</sub> alkyl,  
aryl,  
heteroaryl,  
heterocyclyl,  
-C(O)-aryl, and  
-C(O)-heteroaryl;

wherein:

Y" is -O- or -S(O)<sub>0-2</sub>; and

R<sub>11</sub> is selected from the group consisting of hydrogen, C<sub>1-10</sub> alkyl, and C<sub>2-10</sub> alkenyl.

42. (new) The compound or salt of claim 4 wherein R<sub>2</sub> is selected from the group consisting of hydrogen, hydroxymethyl, C<sub>1-4</sub> alkyl, and C<sub>1-4</sub> alkyl-O-C<sub>1-4</sub> alkylenyl.

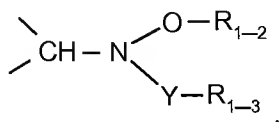
43. (new) The compound or salt of claim 4 wherein X is selected from the group consisting of -(CH<sub>2</sub>)<sub>1-6</sub>-, -CH<sub>2</sub>C(CH<sub>3</sub>)<sub>2</sub>-, -CH<sub>2</sub>C(CH<sub>3</sub>)<sub>2</sub>CH<sub>2</sub>-, -(CH<sub>2</sub>)<sub>2</sub>OCH<sub>2</sub>-, and -(CH<sub>2</sub>)<sub>3</sub>OCH<sub>2</sub>-.

44. (new) The compound or salt of claim 4 wherein R<sub>1-1</sub> is selected from the group consisting of hydrogen, C<sub>1-4</sub> alkyl, and phenyl.

45. (new) The compound or salt of claim 4 wherein  $R_{1-2}$  is selected from the group consisting of hydrogen,  $C_{1-4}$  alkyl, benzyl, and pyridin-2-ylmethyl.

46. (new) The compound or salt of claim 4 wherein Z is  $-C(=N-O-R_{1-2})-$ .

47. (new) The compound or salt of claim 4 wherein Z is



48. (new) The compound or salt of claim 4 wherein  $R_{1-3}$  is selected from the group consisting of hydrogen,  $C_{1-6}$  alkyl, 1-pyrrolidinyl, phenyl, 2-chlorophenyl, 3-chlorophenyl, 4-chlorophenyl, *o*-tolyl, *m*-tolyl, *p*-tolyl, and pyridin-3-yl.

49. (new) The compound or salt of claim 4 wherein Y is selected from the group consisting of:

$-C(O)-$ ,

$-C(O)-O-$ ,

$-S(O)_2-$ ,

$-C(O)-N(R_8)-$ , and

$-C(S)-N(R_8)-$ .

50. (new) The compound or salt of claim 49 wherein  $R_8$  is H or  $CH_3$ .

51. (new) The compound or salt of claim 5 wherein  $n'$  is 0.

52. (new) The compound or salt of claim 5 wherein  $R_2$  is selected from the group consisting of hydrogen, hydroxymethyl,  $C_{1-4}$  alkyl, and  $C_{1-4}$  alkyl-O- $C_{1-4}$  alkylenyl.



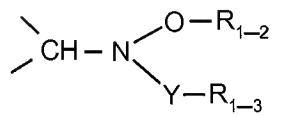
53. (new) The compound or salt of claim 5 wherein X is selected from the group consisting of  $-(\text{CH}_2)_{1-6}-$ ,  $-\text{CH}_2\text{C}(\text{CH}_3)_2-$ ,  $-\text{CH}_2\text{C}(\text{CH}_3)_2\text{CH}_2-$ ,  $-(\text{CH}_2)_2\text{OCH}_2-$ , and  $-(\text{CH}_2)_3\text{OCH}_2-$ .

54. (new) The compound or salt of claim 5 wherein  $\text{R}_{1-1}$  is selected from the group consisting of hydrogen,  $\text{C}_{1-4}$  alkyl, and phenyl.

55. (new) The compound or salt of claim 5 wherein  $\text{R}_{1-2}$  is selected from the group consisting of hydrogen,  $\text{C}_{1-4}$  alkyl, benzyl, and pyridin-2-ylmethyl.

56. (new) The compound or salt of claim 5 wherein Z is  $-\text{C}(=\text{N}-\text{O}-\text{R}_{1-2})-$ .

57. (new) The compound or salt of claim 5 wherein Z is



58. (new) The compound or salt of claim 5 wherein  $\text{R}_{1-3}$  is selected from the group consisting of hydrogen,  $\text{C}_{1-6}$  alkyl, 1-pyrrolidinyl, phenyl, 2-chlorophenyl, 3-chlorophenyl, 4-chlorophenyl, *o*-tolyl, *m*-tolyl, *p*-tolyl, and pyridin-3-yl.

59. (new) The compound or salt of claim 5 wherein Y is selected from the group consisting of:

$-\text{C}(\text{O})-$ ,

$-\text{C}(\text{O})-\text{O}-$ ,

$-\text{S}(\text{O})_2-$ ,

$-\text{C}(\text{O})-\text{N}(\text{R}_8)-$ , and

$-\text{C}(\text{S})-\text{N}(\text{R}_8)-$ .

60. (new) The compound or salt of claim 59 wherein  $\text{R}_8$  is H or  $\text{CH}_3$ .

61. (new) The compound or salt of claim 6 wherein m and n' are both 0.

62. (new) The compound or salt of claim 6 wherein  $R_2$  is selected from the group consisting of hydrogen, hydroxymethyl,  $C_{1-4}$  alkyl, and  $C_{1-4}$  alkyl-O- $C_{1-4}$  alkylenyl.

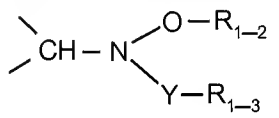
63. (new) The compound or salt of claim 6 wherein X is selected from the group consisting of  $-(CH_2)_{1-6}-$ ,  $-CH_2C(CH_3)_2-$ ,  $-CH_2C(CH_3)_2CH_2-$ ,  $-(CH_2)_2OCH_2-$ , and  $-(CH_2)_3OCH_2-$ .

64. (new) The compound or salt of claim 6 wherein  $R_{1-1}$  is selected from the group consisting of hydrogen,  $C_{1-4}$  alkyl, and phenyl.

65. (new) The compound or salt of claim 6 wherein  $R_{1-2}$  is selected from the group consisting of hydrogen,  $C_{1-4}$  alkyl, benzyl, and pyridin-2-ylmethyl.

66. (new) The compound or salt of claim 6 wherein Z is  $-C(=N-O-R_{1-2})-$ .

67. (new) The compound or salt of claim 6 wherein Z is



68. (new) The compound or salt of claim 6 wherein  $R_{1-3}$  is selected from the group consisting of hydrogen,  $C_{1-6}$  alkyl, 1-pyrrolidinyl, phenyl, 2-chlorophenyl, 3-chlorophenyl, 4-chlorophenyl, *o*-tolyl, *m*-tolyl, *p*-tolyl, and pyridin-3-yl.

69. (new) The compound or salt of claim 6 wherein Y is selected from the group consisting of:

$-C(O)-$ ,

$-C(O)-O-$ ,

$-S(O)_2-$ ,

$-C(O)-N(R_8)-$ , and

$-C(S)-N(R_8)-$ .

70. (new) The compound or salt of claim 69 wherein  $R_8$  is H or  $CH_3$ .
71. (new) A pharmaceutical composition comprising a therapeutically effective amount of a compound or salt of claim 3 in combination with a pharmaceutically acceptable carrier.
72. (new) A method of inducing cytokine biosynthesis in an animal comprising administering an effective amount of a compound or salt of claim 3 to the animal.
73. (new) A pharmaceutical composition comprising a therapeutically effective amount of a compound or salt of claim 4 in combination with a pharmaceutically acceptable carrier.
74. (new) A method of inducing cytokine biosynthesis in an animal comprising administering an effective amount of a compound or salt of claim 4 to the animal.
75. (new) A pharmaceutical composition comprising a therapeutically effective amount of a compound or salt of claim 5 in combination with a pharmaceutically acceptable carrier.
76. (new) A method of inducing cytokine biosynthesis in an animal comprising administering an effective amount of a compound or salt of claim 5 to the animal.
77. (new) A pharmaceutical composition comprising a therapeutically effective amount of a compound or salt of claim 6 in combination with a pharmaceutically acceptable carrier.
78. (new) A method of inducing cytokine biosynthesis in an animal comprising administering an effective amount of a compound or salt of claim 6 to the animal.